ASTRA Do Now

|  |  |
| --- | --- |
| 1. Label the place value of each number after the decimal.   0.0678  0 =    6 =  7 =  8 = | 1. Label the place value of each number.   2,040.36  2 =  0 =  4 =  0 =  3 =  6 = |
| 1. Find the sum. Be careful with decimal points!    1. + 43.95 | 1. Find the sum. Be careful with decimal points!   1,563 + 4.838 |
| 1. Find the difference.   8,320 – 2,686 | 1. Find the difference. Be careful with decimal points!   613.8 – 496 |
| 7.  Complete the number sentence with <, >, or =.  2.10 \_\_\_\_ 2.1  -4.5 \_\_\_\_ -4.25  π \_\_\_ 3.2 | 8.  Put the following decimals in order from least to greatest: 0.062, 0.390, 0.88, and 0.5 |

1. Complete the number sentence with <, >, or =.

π \_\_\_ 3.2

1. Put the following decimals in order from least to greatest: 0.062, 0.390, 0.88, and 0.5

\_\_\_\_\_\_ \_\_\_\_\_\_ \_\_\_\_\_\_ \_\_\_\_\_\_

1. Put the following decimals in order from least to greatest: 0.088, 0.1, 0.768, 0.13

\_\_\_\_\_\_ \_\_\_\_\_\_ \_\_\_\_\_\_ \_\_\_\_\_\_

**iTunes Top 10**

You are responsible for compiling this week’s iTunes top 10 list for most popular songs. The list of top songs is below, but they are out of order.

|  |  |  |  |
| --- | --- | --- | --- |
| **Top 10 Songs on iTunes (by millions of downloads)** | | | |
| “No Lie” by 2 Chainz feat. Drake | **1.15** | “Wide Awake” by Katy Perry | **0.389** |
| “Pound the Alarm” by Nicki Minaj | **0.87** | “Whistle” by Flo Rida | **0.92** |
| “One More Night” by Maroon Five | **1.75** | “Don’t Wake Me Up” by Chris Brown | **0.859** |
| “Southside” by Shy Glizzy | **1.8** | “Call Me Maybe” by Carlie Rae Jepsen | **1.090** |
| “As Long as You Love Me” by Justin Bieber | **0.879** | “Mercy” by Kanye West | **0.900** |

**Before you begin solving this, plan a strategy in the box below.**

*How will you order the songs? What Math skills will you need to order this list correctly?*

**iTunes Top 10 Station**

**Show work here. When your list is complete, you will transfer your list and work to a poster!**

|  |  |  |
| --- | --- | --- |
| **1.** |  |  |
| **2.** |  |  |
| **3.** |  |  |
| **4.** |  |  |
| **5.** |  |  |
| **6.** |  |  |
| **7.** |  |  |
| **8.** |  |  |
| **9.** |  |  |
| **10.** |  |  |

Independent Practice

**Bachelor’s Degree**

****

Master’s Degree



Ph.D

Complete the number sentence with 

1. 3.4 \_\_\_\_\_\_ 3.45 2.  \_\_\_\_\_\_ 

3. 3.50 \_\_\_\_\_\_ 3.5 4.  \_\_\_\_\_\_ 

Find three decimals that make the number sentence true.

5.  6. 

7.  8. 

9. The table shows the times of a 100-meter dash.  
Order the runners from first place to fifth place.

|  |  |
| --- | --- |
| Runner | Time (seconds) |
| A | 12.60 |
| B | 12.55 |
| C | 12.49 |
| D | 12.63 |
| E | 12.495 |